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**REISSUE APPLICATION DECLARATION BY THE ASSIGNEE**

Docket Number (optional)

NAK1-AY33ara

I hereby declare that:

My residence and mailing address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: Matsushita Electric Industrial Co., Ltd.

and the title of my position with said assignee is: \_\_\_\_\_

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s) ADDITIONAL INVENTORS ON SEPARATE SHEET  
Masaki Aoki, Hideo Torii, Eiji Fujii, Mitsuhiro Ohtani, Takashi Inami, Hiroyuki Kawamura, Hiroyoshi Tanaka,

Patent Number

5,993,543

Date of Patent

November 30, 1999

Title of Invention

METHOD OF PRODUCING PLASMA DISPLAY PANEL WITH PROTECTIVE LAYER OF AN ALKALINE EARTH  
OXIDEI believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled METHOD OF PRODUCING PLASMA DISPLAY PANEL WITH PROTECTIVE LAYER OF AN ALKALINE EARTH OXIDE

the specification of which

☒ is attached hereto.☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

The claims defined method steps without defining the apparatus for providing the production procedures.

[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

**REISSUE DECLARATION BY ASSIGNEE**

Additional Inventors:

Ryuichi Murai

Yasuhisa Ishikura

Yutaka Nishimura

Katsuyoshi Yamashita

REISSUE DECLARATION BY ASSIGNEE

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<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>		Docket Number (Optional) <b>NAK1-AY33ar</b>	
<p>I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.</p> <p style="text-align: center;">Name(s) <span style="margin-left: 150px;">Registration Number</span></p>			
<p><b>Joseph W. Price, Reg. No. 25,124; Albin H. Gess, Reg. No. 25,726; Michael J. Moffatt, Reg. No. 39,304;</b></p> <p><b>Gordon E. Gray, III, Reg. No. 42,602; Bradley D. Blanche, Reg. No. 38,387; James F. Kirk, Reg. No. 29,398</b></p>			
<p>Correspondence Address: Direct all communications about the application to:</p> <p> <input type="checkbox"/> Customer Number <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></span> <span style="margin-left: 20px;">→</span> <span style="border: 1px solid black; padding: 5px; display: inline-block; text-align: center;">Place Customer Number Bar Code Label Here</span> </p> <p style="text-align: center;"><i>Type Customer Number Here</i></p> <p style="text-align: center;"><b>OR</b></p>			
<input type="checkbox"/> Firm or Individual Name		<b>Joseph W. Price, PRICE AND GESS</b>	
Address		2100 S.E. Main St., Ste. 240	
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<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>			
Full name of person signing (given name, family name)			
Signature		Date	
Address of Assignee			
1006, Oaza Kadoma, Kadoma Shi, Osaka-fu, Japan			
Patentee		Citizenship	
Masaki Aoki		Japan	
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Patentee		Citizenship	
Hideo Torii		Japan	
Residence/Mailing Address			
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<input checked="" type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.			

Full name of third inventor, if any

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**Yutaka Nishimura**

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**Japan**

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Full name of seventh inventor, if any <b>Katsuyoshi Yamashita</b>
Residence <b>Osaka-fu, Japan</b>
Citizenship <b>Japan</b>
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Full name of eighth inventor, if	
Eighth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of ninth inventor, if any	
Ninth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of tenth inventor, if any	
Tenth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: Masaki Aoki et al.

Application No.: 08/890,577 Filed: July 9, 1997

Entitled: METHOD OF PRODUCING PLASMA DISPLAY PANEL WITH PROTECTIVE LAYER OF AN  
ALKALINE EARTH OXIDE

Matsushita Electric Industrial Co., Ltd., a Japanese corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 8349, Frame 0080, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or printed name

\_\_\_\_\_  
Title

## ASSIGNMENT

WHEREAS, we, Masaki AOKI, Hideo TORII, Eiji FUJII, Mitsuhiro OHTANI, Takashi INAMI, Hiroyuki KAWAMURA, Hiroyoshi TANAKA, Ryuichi MURAI, Yasuhisa ISHIKURA, Yutaka NISHIMURA, and Katsuyoshi YAMASHITA citizens of Japan, have invented certain new and useful improvements in an PLASMA DISPLAY PANEL SUITABLE FOR HIGH-QUALITY DISPLAY AND PRODUCTION METHOD

for which we have executed application for Letters Patent of the United States,

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100 ¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Masaki AOKI, Hideo TORII, Eiji FUJII, Mitsuhiro OHTANI, Takashi INAMI, Hiroyuki KAWAMURA, Hiroyoshi TANAKA, Ryuichi MURAI, Yasuhisa ISHIKURA, Yutaka NISHIMURA, and Katsuyoshi YAMASHITA

have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patents which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its



successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Masaki Aoki

Masaki AOKI

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Hideo Torii

Hideo TORII

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Eiji Fujii

Eiji FUJII

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Mitsuhiro Ohtani

Mitsuhiro OHTANI

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Takashi Inami

Takashi INAMI

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Hiroyuki Kawamura  
Hiroyuki KAWAMURA

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Hiroyoshi Tanaka  
Hiroyoshi TANAKA

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Ryuichi Murai  
Ryuichi MURAI

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Yasuhisa Ishikura  
Yasuhisa ISHIKURA

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Yutaka Nishimura  
Yutaka NISHIMURA

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th  
day of December, 1996.

Katsuyoshi Yamashita  
Katsuyoshi YAMASHITA

IN TESTIMONY WHEREOF, I hereunto set my hand this \_\_\_\_\_  
day of \_\_\_\_\_, 199 .

IN TESTIMONY WHEREOF, I hereunto set my hand this \_\_\_\_\_  
day of \_\_\_\_\_, 199 .

IN TESTIMONY WHEREOF, I hereunto set my hand this \_\_\_\_\_  
day of \_\_\_\_\_, 199 .

IN TESTIMONY WHEREOF, I hereunto set my hand this \_\_\_\_\_  
day of \_\_\_\_\_, 199 .